*Virus Research*, 7 (1987)
Elsevier



# Author Index

Barthold, S.W. and Smith, A.L.
Response of genetically susceptible and resistant mice to intranasal inoculation with mouse hepatitis virus JHM, 225
Baxt, B.
Effect of lysosomotropic compounds on early events in foot-and-mouth disease virus replication, 257
Becker, Y., see Koch, H.-G., 105
Bouissou, C., see Franze-Fernandez, M.-T., 309
Breznik, T., see Gama-Sosa, M.A., 1
Brown, D.T., see Coombs, K., 131
Butel, J.S., see Gama-Sosa, M.A., 1

Chinnadurai, G., see Jannun, R., 33
Cisco, M., see Vafai, A., 325
Cohen, G.N., see Franze-Fernandez, M.-T., 309
Cohen, J.C., see Gama-Sosa, M.A., 1
Coombs, K. and Brown, D.T.
Topological organization of Sindbis virus capsid protein in isolated nucleocapsids, 131

Daheli, M., see Franze-Fernandez, M.-T., 309
Darai, G., see Koch, H.-G., 105
Deckhut, A.M., see Spector, D.J., 69
Del Val, M. and Viñuela, E.
Glycosylated components induced in African swine fever (ASF) virus-infected Vero cells, 297
Dougherty, E.M., see McClintock, J.T., 351

Eggers, H.J., see Neumann, R., 93
Ernst, F., see Koch, H.-G., 105

Franze-Fernandez, M.-T., Zetina, C., Iapalucci, S., Lucero, M.A., Bouissou, C., Lopez, R., Rey, O., Daheli, M., Cohen, G.N. and Zakin, M.M.
Molecular structure and early events in the replication of Tacaribe arenavirus S RNA, 309
Frugulhetti, I.C.P.P., Silva Filho, F.C. and Rebello, M.A.
The surface charge of L-A9 cells and *Aedes albopictus* cells infected with Marituba (Bunyaviridae) virus, 219
Fukai, K., see Matsuno, S., 273

Gama-Sosa, M.A., Breznik, T., Butel, J.S., Medina, D. and Cohen, J.C.
Mammary preneoplasia and tumorigenesis in the BALB/c mouse: structure and modification of mouse mammary tumor virus DNA sequences, 1
Genersch, E., see Neumann, R., 93
Gilbert, J.H., Pedersen, N.C. and Nunberg, J.H.
Feline leukemia virus envelope protein expression encoded by a recombinant vaccinia virus: apparent lack of immunogenicity in vaccinated animals, 49
Gilden, D., see Vafai, A., 325
Gilden, D.H., Hayward, A.R., Krupp, J., Hunter-Lazlo, M., Huff, J.C. and Vafai, A.
Varicella-zoster virus infection of human mononuclear cells, 117
Gould, A.R.
The complete nucleotide sequence of bluetongue virus serotype 1 RNA3 and a comparison with other geographic serotypes from Australia, South Africa and the United States of America, and with other orbivirus isolates, 169
Greenaway, P.J. and Wilkinson, G.W.G.
Nucleotide sequence of the most abundantly transcribed early gene of human cytomegalovirus strain AD 169, 17

Hamaguchi, M., see Nishikawa, K., 83
Hanada, N., see Nishikawa, K., 83
Hasegawa, A., see Matsuno, S., 273
Hattori, S., see Sato, H., 241
Hayashi, M., see Matsuno, S., 273
Hayward, A.R., see Gilden, D.H., 117
Huff, J.C., see Gilden, D.H., 117
Hunter-Lazlo, M., see Gilden, D.H., 117
Hyman, R.W., see Spector, D.J., 69

Iapalucci, S., see Franze-Fernandez, M.-T., 309

Imamura, Y., see Sato, H., 241
Inouye, S., see Matsuno, S., 273
Ishida, N., see Sato, H., 241

Jannun, R. and Chinnadurai, G.
Functional relatedness between the E1a and E1b regions of group C and group D human adenoviruses, 33
Jona, M., see Matsuda, M., 159
Jones, T.R., see Spector, D.J., 69

Kawakita, M., see Sato, H., 241
Kilpatrick, D. and Rouhandeh, H.
The analysis of Yaba monkey tumor virus DNA, 151
King, Jr., N.W., see Maldarelli, F., 281
Koch, H.-G., Rösen, A., Ernst, F., Becker, Y. and Darai, G.
Determination of the nucleotide sequence flanking the deletion (0.762 to 0.789 map units) in the genome of an intraperitoneally avirulent HSV-1 strain HFEM, 105
Krupp, J., see Gilden, D.H., 117
Kumar, S. and Miller, L.K.
Effects of serial passage of *Autographa californica* nuclear polyhedrosis virus in cell culture, 335

Lopez, R., see Franze-Fernandez, M.-T., 309
Lucero, M., see Franze-Fernandez, M.-T., 309

Maldarelli, F., King, Jr., N.W. and Yagi, M.J.
Effects of cytoskeletal disrupting agents on mouse mammary tumor virus replication, 281
Matsuda, M., Jona, M., Yasui, K. and Nagashima, K.
Genetic characterization of JC virus Tokyo-1 strain, a variant oncogenic in ordents, 159
Matsuno, S., Murakami, S., Takagi, M., Hayashi, M., Inouye, S., Hasegawa, A. and Fukai, K.
Cold-adaptation of human rotavirus, 273
McClintock, J.T. and Dougherty, E.M.
Superinfection of baculovirus-infected gypsy moth cells with the nuclear polyhedrosis viruses of *Autographa californica* and *Lymantria dispar,* 351
McGinnes, L.W., Wilde, A. and Morrison, T.G.
Nucleotide sequence of the gene encoding the Newcastle disease virus hemagglutinin-neuraminidase protein and comparisons of paramyxovirus hemagglutinin-neuraminidase protein sequences, 187
Medina, D., see Gama-Sosa, M.A., 1
Miller, L.K., see Kumar, S., 335
Morishima, T., see Nishikawa, K., 83
Morrison, T.G., see McGinnes, L.W., 187
Murakami, S., see Matsuno, S., 273

Nagai, Y., see Nishikawa, K., 83
Nagashima, K., see Matsuda, M., 159
Neumann, R., Genersch, E. and Eggers, H.J.
Detection of adenovirus nucleic acid sequences in human tonsils in the absence of infectious virus (Short Communication), 93
Nishikawa, K., Hanada, N., Morishima, T., Yoshida, T., Hamaguchi, M., Toyoda, T. and Nagai, Y.
Antigenic characterization of the internal proteins of Newcastle disease virus by monoclonal antibodies, 83
Nunberg, J.H., see Gilbert, J.H., 49

Odagiri, T., Tanaka, T. and Tobita, K.
Temperature-sensitive defect of influenza A/Ann Arbor/6/60 cold-adapted variant leads to a blockage of matrix polypeptide incorporation into the plasma membrane of the infected cells, 203
Oh-hira, M., see Sato, H., 241

Parks, C.L., see Spector, D.J., 69
Pedersen, N.C., see Gilbert, J.H., 49

Rebello, M.A., see Frugulhetti, I.C.P.P., 219
Rey, O., see Franze-Fernandez, M.-T., 309
Rösen, A., see Koch, H.-G., 105
Rouhandeh, H., see Kilpatrick, D., 151

Sato, H., Oh-hira, M., Ishida, N., Imamura, Y., Hattori, S. and Kawakita, M.
Molecular cloning and nucleotide sequence of P, M and F genes of Newcastle disease virus avirulent strain D26, 241
Silva Filho, F.C., see Frugulhetti, I.C.P.P., 219
Smith, A.L., see Barthold, S.W., 225
Spector, D.J., Jones, T.R., Parks, C.L., Deckhut, A.M. and Hyman, R.W.
Hybridization between a repeated region of herpes simplex virus type 1 DNA containing the sequence $[GGC]_n$ and heterodisperse cellular DNA and RNA, 69

Takagi, M., see Matsuno, S., 273
Tanaka, T., see Odagiri, T., 203
Ter Meulen, V.
Third International Coronavirus Symposium, Asilomar, California, September 1986 (Meeting Report), 99

Tobita, K., see Odagiri, T., 203
Toyoda, T., see Nishikawa, K., 83

Vafai, A., Wellish, M., Wroblewska, Z., Cisco, M. and Gilden, D.
Induction of antibody against in vitro translation products encoded by varicella-zoster virus glycoprotein genes, 325
Vafai, A., see Gilden, D.H., 117
Viñuela, E., see Del Val, M., 297

Wellish, M., see Vafai, A., 325
Wilde, A., see McGinnes, L.W., 187
Wilkinson, G.W.G., see Greenaway, P.J., 17
Wroblewska, Z., see Vafai, A., 325

Yagi, M.J., see Maldarelli, F., 281
Yasui, K., see Matsuda, M., 159
Yoshida, T., see Nishikawa, K., 83

Zakin, M.M., see Franze-Fernandez, M.-T., 309
Zetina, C., see Franze-Fernandez, M.-T., 309

*Virus Research*, 7 (1987)
Elsevier

# Subject Index

**Adenovirus type,** Mammary tumorigenesis, Transforming genes, 33
**Adenovirus,** Hybridization, in situ, Persistent infection, Adenovirus latency, 93
**Adenovirus latency,** Adenovirus, Hybridization, in situ, Persistent infection, 93
***Aedes albopictus*** cell, Marituba virus, L-A9 cell, Electrophoresis, cell, 219
**African swine fever virus,** Glycosylated component, Vero cell, Glycoprotein, 297
**Alphavirus,** Capsid structure, Sindbis virus, 131
**Antibody,** Varicella-zoster virus, Translation product, 325

**Baculovirus,** Nuclear polyhedrosis virus, Serial passage, Mutation, Transposable element, 335
**Baculovirus,** Superinfection, Gypsy moth cell, Nuclear polyhedrosis virus, 351

**Capsid structure,** Alphavirus, Sindbis virus, 131
**Cellular DNA and mRNA,** Herpes simplex virus, GGC repeats, 69
**Colcemid,** MMTV replication, Cytochalasin, 281
**Cold-adapted virus,** Rotavirus, human, Vaccine, live, 273
**Core protein VP3,** Molecular cloning, RNA3 gene product, geographical conservation of, EHDV, Warrego, 169
**Corona virus,** Mouse hepatitis virus, Mouse, 225
**Cross-links,** Yaba monkey tumor poxvirus, DNA, 151
**Cytochalasin,** MMTV replication, Colcemid, 281

**DNA sequence,** MMTV virus, Mammary preneoplasia and tumorigenesis, Mouse, 1
**DNA,** Yaba monkey tumor poxvirus, Cross-links, 151

**EHDV,** Molecular cloning, RNA3 gene product, geographical conservation of, Core protein VP3, Warrego, 169
**Early gene,** Human cytomegalovirus, Transcription, Nucleotide sequence, Strain AD169, 17
**Electrophoresis,** cell, Marituba virus, L-A9 cell, *Aedes albopictus* cell, 219

**Envelope gene expression,** Recombinant vaccinia virus, Feline leukemia virus, Retroviral vaccine, 49

**F protein,** Paramyxovirus, Newcastle disease virus, P protein, M protein, 241
**Feline leukemia virus,** Recombinant vaccinia virus, Envelope gene expression, Retroviral vaccine, 49
**Foot-and-mouth disease virus,** Lysosomotropic agent, Viral eclipse, Protein synthesis, viral, 257

**GGC repeats,** Herpes simplex virus, Cellular DNA and mRNA, 69
**Genome structure,** Virulence, HSV, Molecular cloning, 105
**Glycoprotein,** African swine fever virus, Glycosylated component, Vero cell, 297
**Glycoprotein,** Tacaribe arenavirus, Replication, S RNA, Nucleoprotein, 309
**Glycosylated component,** African swine fever virus, Vero cell, Glycoprotein, 297
**Gypsy moth cell,** Superinfection, Baculovirus, Nuclear polyhedrosis virus, 351

**HSV,** Virulence, Genome structure, Molecular cloning, 105
**Hemagglutinin-neuraminidase sequence,** Newcastle disease virus HN protein, 187
**Herpes simplex virus,** GGC repeats, Cellular DNA and mRNA, 69
**Human cytomegalovirus,** Early gene, Transcription, Nucleotide sequence, Strain AD169, 17
**Hybridization,** in situ, Adenovirus, Persistent infection, Adenovirus latency, 93

**Influenza A,** Temperature-sensitive mutation, M1 polypeptide, Virion maturation, 203
**Internal proteins,** Strain comparisons, Newcastle disease virus, Monoclonal antibodies, 83

**JC virus,** Polyomavirus, Oncogenic virus, Molecular cloning, 159

**L-A9 cell,** Marituba virus, *Aedes albopictus* cell, Electrophoresis, cell, 219
**Lysosomotropic agent,** Foot-and-mouth disease virus, Viral eclipse, Protein synthesis, viral, 257
**M protein,** Paramyxovirus, Newcastle disease virus, P protein, F protein, 241
**M1 polypeptide,** Influenza A, Temperature-sensitive mutation, Virion maturation, 203
**MMTV replication,** Cytochalasin, Colcemid, 281
**Mammary preneoplasia and tumorigenesis,** DNA sequence, MMTV virus, Mouse, 1
**Mammary tumorigenesis,** Adenovirus type, Transforming genes, 33
**Marituba virus,** L-A9 cell, *Aedes albopictus* cell, Electrophoresis, cell, 219
**Molecular cloning,** Virulence, HSV, Genome structure, 105
**Molecular cloning,** JC virus, Polyomavirus, Oncogenic virus, 159
**Molecular cloning,** RNA3 gene product, geographical conservation of, Core protein VP3, EHDV, Warrego, 169
**Monoclonal antibodies,** Internal proteins, Strain comparisons, Newcastle disease virus, 83
**Mononuclear cell,** human, Varicella-zoster virus, 117
**Mouse hepatitis virus,** Corona virus, Mouse, 225
**Mouse,** Mammary preneoplasia and tumorigenesis, DNA sequence, MMTV virus, 1
**Mouse,** Mouse hepatitis virus, Corona virus, 225
**Mutation,** Baculovirus, Nuclear polyhedrosis virus, Serial passage, Transposable element, 335

**Newcastle disease virus,** Internal proteins, Strain comparisons, Monoclonal antibodies, 83
**Newcastle disease virus HN protein,** Hemagglutinin-neuraminidase sequence, 187
**Newcastle disease virus,** Paramyxovirus, P protein, M protein, F protein, 241
**Nuclear polyhedrosis virus,** Baculovirus, Serial passage, Mutation, Transposable element, 335
**Nuclear polyhedrosis virus,** Superinfection, Baculovirus, Gypsy moth cell, 351
**Nucleoprotein,** Tacaribe arenavirus, Replication, S RNA, Glycoprotein, 309
**Nucleotide sequence,** Human cytomegalovirus, Early gene, Transcription, Strain AD169, 17

**Oncogenic virus,** JC virus, Polyomavirus, Molecular cloning, 159

**P protein,** Paramyxovirus, Newcastle disease virus, M protein, F protein, 241
**Paramyxovirus,** Newcastle disease virus, P protein, M protein, F protein, 241
**Persistent infection,** Adenovirus, Hybridization, in situ, Adenovirus latency, 93
**Polyomavirus,** JC virus, Oncogenic virus, Molecular cloning, 159
**Protein synthesis,** viral, Foot-and-mouth disease virus, Lysosomotropic agent, Viral eclipse, 257

**RNA3 gene product,** geographical conservation of, Molecular cloning, Core protein VP3, EHDV, Warrego, 169
**Recombinant vaccinia virus,** Feline leukemia virus, Envelope gene expression, Retroviral vaccine, 49
**Replication,** Tacaribe arenavirus, S RNA, Glycoprotein, Nucleoprotein, 309
**Retroviral vaccine,** Recombinant vaccinia virus, Feline leukemia virus, Envelope gene expression, 49
**Rotavirus,** human, Cold-adapted virus, Vaccine, live, 273

**S RNA,** Tacaribe arenavirus, Replication, Glycoprotein, Nucleoprotein, 309
**Serial passage,** Baculovirus, Nuclear polyhedrosis virus, Mutation, Transposable element, 335
**Sindbis virus,** Alphavirus, Capsid structure, 131
**Strain AD169,** Human cytomegalovirus, Early gene, Transcription, Nucleotide sequence, 17
**Strain comparisons,** Internal proteins, Newcastle disease virus, Monoclonal antibodies, 83
**Superinfection,** Baculovirus, Gypsy moth cell, Nuclear polyhedrosis virus, 351

**Tacaribe arenavirus,** Replication, S RNA, Glycoprotein, Nucleoprotein, 309
**Temperature-sensitive mutation,** Influenza A, M1 polypeptide, Virion maturation, 203
**Transcription,** Human cytomegalovirus, Early gene, Nucleotide sequence, Strain AD169, 17
**Transforming genes,** Adenovirus type, Mammary tumorigenesis, 33
**Translation product,** Varicella-zoster virus, Antibody, 325
**Transposable element,** Baculovirus, Nuclear polyhedrosis virus, Serial passage, Mutation, 335

**Vaccine,** live, Rotavirus, human, Cold-adapted virus, 273
**Varicella-zoster virus,** Mononuclear cell, human, 117

**Varicella-zoster virus,** Antibody, Translation product, 325
**Vero cell,** African swine fever virus, Glycosylated component, Glycoprotein, 297
**Viral eclipse,** Foot-and-mouth disease virus, Lysosomotropic agent, Protein synthesis, viral, 257
**Virion maturation,** Influenza A, Temperature-sensitive mutation, M1 polypeptide, 203
**Virulence,** HSV, Genome structure, Molecular cloning, 105

**Warrego,** Molecular cloning, RNA3 gene product, geographical conservation of, Core protein VP3, EHDV, 169

**Yaba monkey tumor poxvirus,** DNA, Cross-links, 151